

For Research Use Only

# HURP Polyclonal antibody

Catalog Number: 12038-1-AP

Featured Product

9 Publications



## Basic Information

### Catalog Number:

12038-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 253 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2667

### GenBank Accession Number:

BC010658

### GeneID (NCBI):

9787

### UNIPROT ID:

Q15398

### Full Name:

discs, large (Drosophila) homolog-associated protein 5

### Calculated MW:

846 aa, 95 kDa

### Observed MW:

95 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human

### Cited Species:

human, pig

### Positive Controls:

WB : HEK-293 cells, HeLa cells

IF/ICC : HEK-293 cells,

## Background Information

DLGAP5, also named as DAP 5 or DLG7, is a kinetochore protein that stabilizes microtubules in vicinity of chromosomes. DLG7 controls spindle dynamics, promotes interkinetochore tension and efficient kinetochore capture. DLG7 is a part of Ran-dependent complex. Expression of DLG7 is found in cancer and stem cells. DLGAP5 contributes to hepatocellular carcinoma tumorigenesis by promoting cell proliferation (PMID: 24324629).

## Notable Publications

Author	Pubmed ID	Journal	Application
Yun Feng	34687756	Life Sci	WB, IHC
Yan Deng	35370991	Front Endocrinol (Lausanne)	WB
Sylvia Fenosoa Rasamizafy	34440628	Cells	IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

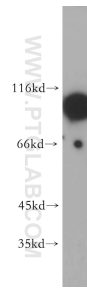
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

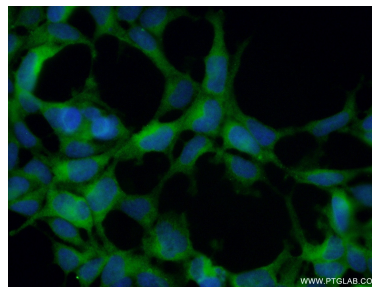
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12038-1-AP (DLGAP5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 12038-1-AP (HURP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).